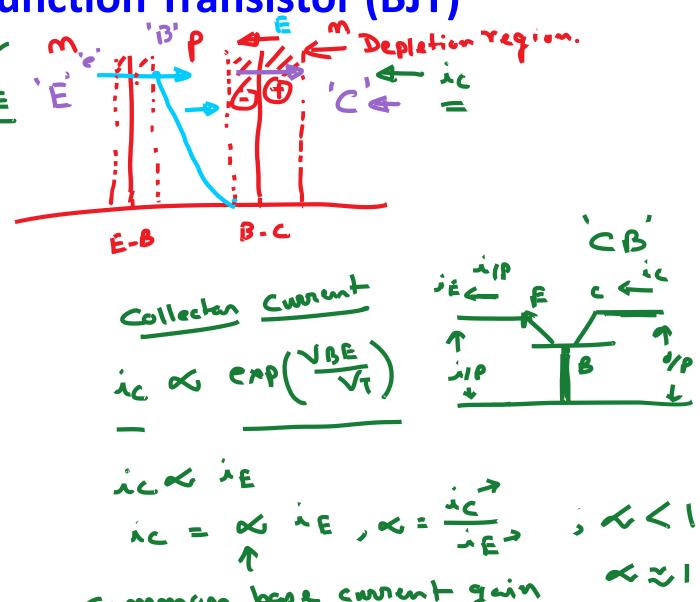
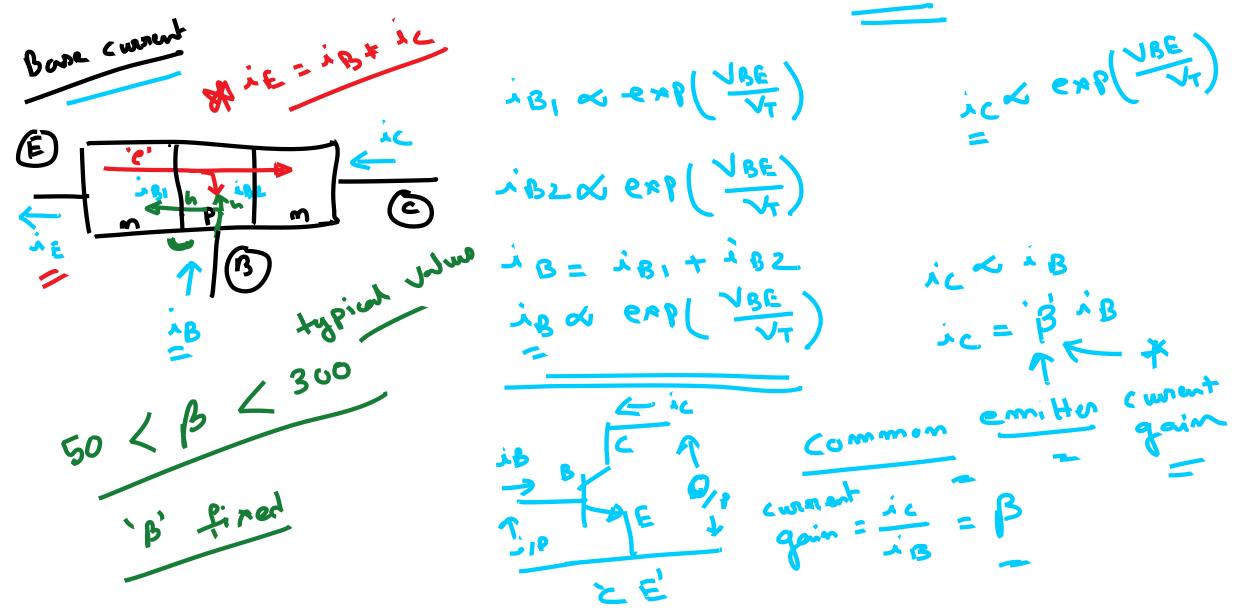


$$\dot{A}E = I_{E0} e \times P\left(\frac{V_{AE}}{V_{T}}\right)$$

$$= \frac{10^{-12} A + 10^{-15} A}{10^{-15} A}$$





$$\lambda E = \lambda C + \lambda B$$

$$= \beta \lambda B + \lambda B$$

$$\Rightarrow \lambda E = (1+\beta) \lambda B$$

$$\lambda E = \beta H$$

$$\lambda C = \beta H$$